WHAT IS CLAIMED IS:

1. In a method of storing and retrieving audio from a digital audio logger, the steps comprising:

    monitoring an audio source,

    storing audio data from the audio source in a buffer,

    writing the audio data from the buffer onto a digital audio tape and a random access storage device, and

    retrieving audio from the random access storage device while audio data is written into the digital audio tape and the random access storage device.

2. The method of Claim 1 including the further steps of providing the random storage device with a primary partition and writing voice data onto the primary partition in time defined manner.

3. The method of Claim 2 further including the further steps of providing the random access device with a secondary partition and writing an index table in the secondary partition to indicate location of audio data in the primary partition.

4. The method of Claim 3 further including the step of providing the secondary partition with a record session table, storing start and end times of recording session, and index start and end entries of the index table to indicate location in the index table of selected audio.

5. In a system for processing audio having an interface for receiving audio from an audio source, a digital signal processor in communication with the interface for compressing the audio signals, a controller in communication with the digital signal processor for receiving audio therefrom and arranging data in a prescribed order, a supervisor in communication with said controller accessing data from said system, and a buffer in

communication with the controller for receiving arranged audio from the controller, the improvement comprising:

a digital audio tape drive unit in communication with the buffer for receiving arranged audio data from the buffer,

a random access storage device, and

a pair of pointers providing communication between said buffer and random storage device, the first of said pointers operative for transmitting audio data to said random access storage device from said buffer and the second of said pointers being operative to send audio data from said random access storage device to said controller.

6. The system of Claim 5 further including a speaker in communication with said controller for playing audio retrieved from said random access storage device.

7. The system of Claim 6 wherein said random access storage device has a primary partition for storing recorded audio data and a secondary partition for storing means for locating selected audio data stored on said primary partition, said second pointer being alternately in communication with said first partition and said second partition.

8. An audio data storage device, comprising:

a random access storage device having a primary partition for storing audio data and a secondary partition for storing means for locating data on said primary partition and a pair of pointers in communication with said random access memory, a first of said pointers being operated to transmit data to said random access storage device and the second of said pointers being operative to retrieve audio data from said random access storage device.